

**Notice of Allowability****Application No.**

09/710,675

**Examiner**

Elizabeth Keaney

**Applicant(s)**

ZHOU ET AL.

**Art Unit**

2882

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendments filed 12 January 2004.
2. ☒ The allowed claim(s) is/are 1-9, 11-15, 17-27 and 29-33.
3. ☒ The drawings filed on 21 August 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____.   |

### **DETAILED ACTION**

Receipt is acknowledged of the Amendment and Remarks filed 12 January 2004.

### ***Allowable Subject Matter***

Claims 1-9,11-15,17-27 and 29-33 are allowed over the prior art.

The following is an examiner's statement of reasons for allowance:

Re claims 1-9,11-14 and 23: The best prior art of record discloses a reflector lamp comprising a glass shell, a heat shield, a wire lamp, and a base extending from the bottom of the glass shell defining a nose chamber having a sealed off exhaust hole wherein a base of the nose chamber has a diameter of no greater than 1 inch. However, the prior art fails to teach or fairly suggest the sealed off exhaust hole being substantially offset from the center of the base as claimed in claim 1. Claims 2-9,11-14 and 23 are allowed by virtue of their dependency.

Re claims 15,17,18,24,25 and 29: The best prior art of record discloses a finished reflector lamp comprising a glass shell, a wire lamp, and a base extending from the bottom of the glass shell defining a nose chamber. However, the prior art fails to teach or fairly suggest the nose chamber having a bottom and a perimeter wall having an inner surface, the perimeter wall and the nose chamber bottom defining a volume inside the nose chamber wherein substantially all of the perimeter wall inner surface is in fluid communication with the volume inside the nose chamber, the nose chamber

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defining a slot having a major dimension and a minor dimension as claimed in claim 15.

Claims 17,18,24,25 and 29 are allowed by virtue of their dependency.

Re claim 19: The best prior art of record discloses a reflector lamp comprising a glass shell, a heat shield, a wire lamp, and a base extending from the bottom of the glass shell defining a nose chamber. However, the prior art fails to teach or fairly suggest the nose chamber defining a slot having a major dimension and a minor dimension wherein the shape of the base of the glass shell has a substantially cross-shaped cross-section as claimed in claim 19.

Re claims 20-22,26,30-33: The best prior art of record discloses a reflector lamp comprising a glass shell, a wire lamp, and a base extending from the bottom of the glass shell defining a nose chamber. However, the prior art fails to teach or fairly suggest a flange extending from the outer surface of the glass shell and defining a perimeter of a chamber and an overhang portion extending over the chamber portion and being substantially continuous with the glass shell as claimed in claim 20. Claims 21,22,26 and 30-33 are allowable by virtue of their dependency.

Re claim 27: The best prior art of record discloses a reflector lamp comprising a glass shell, a heat shield, a wire lamp, and a base extending from the bottom of the glass shell defining a nose chamber. However, the prior art fails to teach or fairly suggest the nose chamber having a bottom and a perimeter wall having an inner surface, the nose chamber defining a slot having a major and minor dimension and the nose chamber having a reflective coating disposed on the inner surface of the perimeter wall to reflect the light emitted by the wire lamp as claimed in claim 27.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

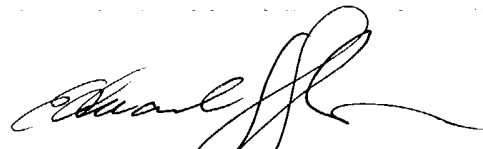
### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Elizabeth Keaney whose telephone number is (571)272-2489. The examiner can normally be reached on Monday-Thursday 5:30-4.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ed Glick can be reached on (571)272-2490. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
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**EDWARD J. GLICK**  
SUPERVISORY PATENT EXAMINER